

Amendments to the Specification:

Please amend the specification as follows:

Page 12, first and second full paragraphs (lines 5-13)

Alternatively, the duct 14 can be made to continuously become narrower towards the spill-over edge 18, 18' (towards blood accommodating chamber 4), whereby the sensitivity in the detection of pulsation is reduced varied. Also, by shaping the duct 14 suitably, i.e., to account for the varying pressure during a cycle, a linear displacement of blood 23 within the window 20 can be achieved. This can be of advantage if the fluctuations are large in or near the systolic pressure region and smaller in other pressure ranges. These alternative designs are shown schematically in Figs. 7-9.

Another option is to let the duct 14 widen in the direction towards the spill-over edge 18, 18' (towards blood accommodating chamber 4). Widening can be more forgiving, in the sense that it can accommodate a wider pressure range.